# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| L1 | 773 | ((weld$3 core) or (welding electrode)) and (helical$2 or spiral $2) | US-PGPUB; USPAT | ADJ | ON | 2009/05/10 13:38 |
| L2 | 60 | ((weld$3 core) or (weld$3 electrode)) with (helical$2 or spiral $2) | US-PGPUB; USPAT | ADJ | ON | 2009/05/10 13:39 |
| L3 | 44 | (weld$3 electrode) with (helical$2 or spiral$2) | US-PGPUB; USPAT | ADJ | ON | 2009/05/10 13:42 |
| L4 | 215 | (219/137.2).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/05/10 13:44 |
| L5 | 16 | L4 and (helical$2 or spiral$2 or helix) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/05/10 13:44 |
| L10 | 3 | ((MANFRED) near2 (SCHORGHUBER)).INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/05/10 13:58 |
| L12 | 780 | (wire with guide) with (wire with hose) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/05/10 14:11 |
| L13 | 150 | 12 and weld$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/05/10 14:12 |
| L14 | 164859 | "219"/$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/05/10 14:45 |
| L15 | 2322 | 14 and ((wire with buffer) or (weld $4 wire)) | US-PGPUB; USPAT | ADJ | ON | 2009/05/10 14:45 |
| L16 | 184 | 15 and wire with hose | US-PGPUB; USPAT | ADJ | ON | 2009/05/10 14:46 |
| S10 | 209 | (219/137.2).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/10/24 15:34 |
| S13 | 127 | (219/137.9).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/10/24 16:10 |
| S16 | 2006 | wire guide and (spiral or helix) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/10/27 09:29 |
| S17 | 470 | S16 and welding | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/10/27 09:29 |

| S18 | 6329 | BUFFER DEVICE | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/10/27 12:59 |
|---|---|---|---|---|---|---|
| S19 | 3 | S18 WITH WELDING WIRE | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/10/27 13:00 |
| S20 | 25 | S18 WITH BUFFER STORAGE | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/10/27 13:02 |
| S40 | 10 | (weld$3 core) with (hel$3 or spiral) | US-PGPUB; USPAT | ADJ | ON | 2008/10/29 12:37 |
| S41 | 264 | ((weld$3 core) or (welding electrode)) with (hel$3 or spiral) | US-PGPUB; USPAT | ADJ | ON | 2008/10/29 12:39 |
| S42 | 133 | ((weld$3 core) or (welding electrode)) near5 (hel$3 or spiral) | US-PGPUB; USPAT | ADJ | ON | 2008/10/29 12:43 |
| S43 | 21 | ((weld$3 core) or (welding electrode)) near5 (heli$3 or spiral) | US-PGPUB; USPAT | ADJ | ON | 2008/10/29 12:44 |
| S44 | 14 | ((weld$3 core) or (welding electrode)) near5 (helical or spiral) | US-PGPUB; USPAT | ADJ | ON | 2008/10/29 12:47 |
| S45 | 640 | ((weld$3 core) or (welding electrode)) and (helical or spiral) | US-PGPUB; USPAT | ADJ | ON | 2008/10/29 12:48 |
| S46 | 151 | S45 and (torch or gun) | US-PGPUB; USPAT | ADJ | ON | 2008/10/29 12:49 |
| S49 | 209 | (219/137.2).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/10/29 14:50 |
| S50 | 13 | S49 and (helical or spiral) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/10/29 14:50 |
| S51 | 128 | (219/137.9).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/10/29 14:56 |
| S52 | 10 | S51 and (helical or spiral) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/10/29 14:56 |
| S68 | 128 | (219/137.9).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/10/30 17:16 |
| S69 | 640 | ((weld$3 core) or (welding electrode)) and (helical or spiral) | US-PGPUB; USPAT | ADJ | ON | 2008/10/30 17:17 |
| S75 | 167 | S74 and (quick lock or latch) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/10/30 17:43 |

| S76 | 8 | S74 with (quick lock or latch) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/10/30 17:53 |
|---|---|---|---|---|---|---|
| S77 | 8 | S76 and S75 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/10/30 17:59 |
| S100 | 128 | (219/137.9).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/10/31 18:36 |
| S103 | 210 | (219/137.2).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/11/04 13:37 |
| S104 | 210 | (219/137.2,219/137.3).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/11/04 13:40 |
| S109 | 190 | (219/137.7).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/11/04 13:41 |
| S110 | 48 | (219/137.8).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/11/04 13:41 |
| S111 | 128 | (219/137.9).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/11/04 13:41 |
| S112 | 144 | (219/137.31).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/11/04 15:02 |
| S113 | 297 | (219/137.4$).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/11/04 15:12 |
| S114 | 56 | (219/137.5$).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/11/04 15:39 |
| S115 | 329 | (219/137.6$).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/11/04 15:43 |
| S155 | 190 | (219/137.7).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/11/13 14:53 |
| S160 | 73 | (219/137.63).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/11/13 15:50 |

**5/10/2009 4:02:37 PM**
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